

Attachment A

APPLICANT FACSIMILE OF FORM PTO-1449
REV 7-80U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Sheet 1 of 3

ATTY DOCKET NO.

SERIAL NO.

BBI-009C4CN

09/241,347

LIST OF PUBLICATIONS CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT

Hermann Buiard and Manfred Gossen

FILING DATE

February 2, 1995

GROUP

1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,221,778	6/93	Byrne et al.	800	2	
AB	4,833,080	05/89	Brent et al.	435	172.3	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AC	WO 94/04672	03/94	PCT				
	AD	WO 92/20808	11/92	PCT				
	AE	WO 91/19784	12/91	PCT				
	AF	WO 93/04169	03/93	PCT				
	AG	WO 91/19796	12/91	PCT				
	AH	WO 92/11874	07/92	PCT				
	AI	EP 0 332 416	09/89	EPO				
	AJ	WO 93/23431	11/93	PCT				
	AK	WO 94/18317	08/94	PCT				
	AL	0 455 687 B1	11/91	EPO				
	AM	0 455 424 A2	11/91	EPO				
	AN	0 494 724 A2	07/92	EPO				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

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AO		Hinrichs, W., et al., (1994) "Structure of the Tet Repressor-Tetracycline Complex and Regulation of Antibiotic Resistance", <i>Science</i> , Vol. 264, pp. 418-420;	
AO'		Hecht, B., et al., (1993) "Noninducible Tet Repressor Mutations Map from the Operator Motif to the C Terminus", <i>Journal of Bacteriology</i> , Vol. 175, No. 4;	
AP		Gossen, M., et al., (1993) "Control of gene activity in higher eukaryotic cells by prokaryotic regulatory elements", <i>TIBS</i> , Vol. 18, No. 12, pp. 471-475;	
AQ		Fieck, A., et al., (1992) "Modification of the <i>E. Coli</i> Lac Repressor for Expression in Eukaryotic Cells: Effect of Nuclear Signal Sequence on Protein Activity and Nuclear Documentation", <i>Nucleic Acid Research</i> , Vol. 20, pp. 1785-1791;	
AR		Seipel, K., et al., (1992) "Different activation domains stimulate transcription from remote ('enhancer') and proximal ('promoter') positions", <i>The EMBO Journal</i> , Vol. 11, No. 13, pp. 4961-4968;	
AS		Epstein-Baak, R., et al., (1992) "Inducible Transformation of Cells from Transgenic Mice Expressing SV40 under Lac Operon Control", <i>Cell Growth & Differentiation</i> , Vol. 3, pp. 127-134;	
AT		Gossen, M., and Bujard, H., (1992) "Tight control of gene expression in mammalian cells by tetracycline-responsive promoters", <i>Proceedings of the National Academy of Science</i> , Vol. 89, pp. 5547-5551;	
AU		Bradley, A., (1991) "Modifying the mammalian genome by gene targeting", <i>Current Opinion in Biotechnology</i> , Vol. 2, pp. 832-829;	
AV		Wyborski, D.L., and Short, J.M., (1991) "Analysis of Inducers of the <i>E. Coli</i> Lac Repressor System in Mammalian Cells and Whole Animals", <i>Nucleic Acid Research</i> , Vol. 19, pp. 4647-4653;	
Examiner		RA3	Date Considered 7/9/01
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

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COPY

BA	Degenkolb, J., et al., (1991) "Structural Requirements of Tetracycline-Tet Repressor Interaction: Determination of Equilibrium Binding Constants for Tetracycline Analogs with the Tet Repressor", <i>Antimicrobial Agents and Chemotherapy</i> , Vol. 35, No. 8, pp. 1591-1595;
BB	Baim, S.B., et al., (1991) "A chimeric mammalian transactivator based on the <i>lac</i> repressor that is regulated by temperature and isopropyl β -D-thiogalactopyranoside", <i>Proceedings of the National Academy of Science</i> , Vol. 88, pp. 5072-5076;
BC	Gatz, C., et al., (1991) "Regulation of a modified CaMV 35S promoter by the Tn 10-encoder Tet receptor in transgenic tobacco", <i>Mol. Gen. Genet.</i> , Vol. 227, No. 2, pp. 229-237;
BD	Wissmann, A., et al., (1991) "Selection for Tn10 Tet Repressor Binding to <i>tet</i> Operator in <i>Escherichia coli</i> : Isolation of Temperature-Sensitive Mutants and Combinatorial Mutagenesis in the DNA Binding Motif", <i>Genetics</i> , Vol. 128, pp. 225-232;
BE	Labow, M.A., et al., (1990) "Conversion of the <i>lac</i> Repressor into an Allosterically Regulated Transcriptional Activator for Mammalian Cells", <i>Molecular and Cellular Biology</i> , Vol. 10, No. 7, pp. 3343-3356;
BF	Deuschle, U., et al., (1989) "Regulated expression of foreign genes in mammalian cells under the control of coliphage T3 RNA polymerase and <i>lac</i> repressor", <i>Proceedings of the National Academy of Science</i> , Vol. 86, pp. 5400-5404;
BG	Capecchi, M.R., (1989) "Altering the Genome by Homologous Recombination", <i>Science</i> , Vol. 244, pp. 1288-1292;
BH	Mermod, N., et al., (1989) "The Proline-Rich Transcriptional Activator of CTF/NF-I Is Distinct from the Replication and DNA Binding Domain", <i>Cell</i> , Vol. 58, 741-753;
BI	Mansour, S.L., et al., (1988) "Disruption of the proto-oncogene <i>int-2</i> in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes", <i>Nature</i> , Vol. 336, pp. 348-352;
BJ	Gatz, C., and Quail, P.H., (1988) "Tn10-encoded <i>tet</i> repressor can regulate an operator-containing plant promoter", <i>Proceedings of the National Academy of Science</i> , Vol. 85, pp. 1394-1397;
BK	Figge, J., et al., (1988) "Stringent Regulation of Stably Integrated Chloramphenicol Acetyl Transferase Genes by <i>E. coli lac</i> Repressor in Monkey Cells", <i>Cell</i> , Vol. 52, 713-722;
BL	Triezenberg, S.J., et al., (1988) "Functional dissection of VP16, the <i>trans</i> -activator of herpes simplex virus immediate early gene expression", <i>Genes & Development</i> , Vol. 2, pp. 718-729;
BM	Courey, A.J., and Tjian, R., (1988) "Analysis of Sp1 <i>In Vivo</i> Reveals Multiple Transcriptional Domains, Including a Novel Glutamine-Rich Activation Motif", <i>Cell</i> , Vol. 55, pp. 887-898;
BN	Tovar, K., et al., (1988) "Identification and nucleotide sequence of the class E <i>tet</i> regulatory elements and operator and inducer binding of the encoded purified Tet repressor", <i>Mol. Gen. Genet.</i> , Vol. 215, pp. 76-80;
BO	Altschmied, L. et al., (1988) "A threonine to alanine exchange at position 40 of Tet repressor alters the recognition of the sixth base pair of <i>tet</i> operator from GC to AT", <i>The EMBO Journal</i> , Vol. 7, No. 12, pp. 4011-4017;
BP	Brown, M., et al., (1987) " <i>lac</i> Repressor Can Regulate Expression from a Hybrid SV40 Early Promoter Containing a <i>lac</i> Operator in Animal Cells", <i>Cell</i> , Vol. 49, pp. 603-612;
BQ	Hu, M.C-T and Davidson, N., (1987) "The Inducible <i>lac</i> Operator-Repressor System Is Functional in Mammalian Cells", <i>Cell</i> , Vol. 46, pp. 555-566;
BR	Smithies, O., et al., (1985) "Insertion of DNA sequences into the human chromosomal β -globin locus by homologous recombination", <i>Nature</i> , Vol. 317, pp. 230-234;
BS	Boshart, M., et al., (1985) "A Very Strong Enhancer Is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus", <i>Cell</i> , Vol. 41, No. 2, pp. 521-530;
BT	Postle, K., et al., (1984) "Nucleotide sequence of the repressor gene of the TN10 tetracycline resistance determinant", <i>Nucleic Acid Research</i> , Vol. 12, No. 12, pp. 4849-4863;
BU	Unger, B., et al., (1984) "Nucleotide sequence of the gene, protein purification and characterization of the pSC101-encoded tetracycline resistance gene-repressor", <i>Gene</i> , Vol. 31, pp. 103-108;

Examiner

LPS

Date Considered

9/9/01

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Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-90	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. BBI-009C4CN	SERIAL NO. 09/241,347
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Hermann Bujard and Manfred Gossen	
		FILING DATE February 2, 1995	

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

CA	Unger, B., et al., (1984) "Nucleotide sequence of the repressor gene of the RA1 tetracycline resistance determinant: structural and functional comparison with three related Tet repressor genes", <i>Nucleic Acid Research</i> , Vol. 12, No. 20, pp. 7693-7703;
CB	Waters, S.H, et al., (1983) "The tetracycline resistance determinants of RP1 and Tn1721: nucleotide sequence analysis", <i>Nucleic Acid Research</i> , Vol. 11, No. 17, pp. 6089-6105;
CC	Hillen, W., and Schollmeier, K., (1983) "Nucleotide sequence of the Tn10 encoded tetracycline resistance gene", <i>Nucleic Acid Research</i> , Vol. 11, No. 2, pp. 525-539;
CD	Brent, R. and M. Ptashne (1984) "A Bacterial Repressor Protein or a Yeast Transcriptional Terminator Can Block Upstream Activation of A Yeast Gene" <i>Nature</i> 312:612-615;
CE	Brent R. and M. Ptashne (1985) "A Eukaryotic Transcriptional Activator Bearing the DNA Specificity of a Prokaryotic Repressor" <i>Cell</i> 43:729-736;
CF	Baniahmad, A. et al. (1992) "A Transferable Silencing Domain Is Present In the Thyroid Hormone Receptor, In the v-erbA Oncogene Product and In the Retinoic Acid Receptor" <i>The EMBO Journal</i> 11(3):1015-1023;
CG	Sauer, F. and H. Jäckle (1993) "Dimerization and the Control of Transcription by Krüppel" <i>Nature</i> 364:454-457;
CH	Licht, J. et al. (1990) "Drosophila Krüppel Protein is a Transcriptional Repressor" <i>Nature</i> 346:76-79;
CI	Herschbach B. and A. Johnson (1993) "Transcriptional Repression In Eukaryotes" <i>Annu. Rev. Cell Biol.</i> 9:479-509;
CJ	Renkawitz R. (1990) "Transcriptional Repression In Eukaryotes" <i>TIG</i> 6(6):192-193;
CK	Resnitzky D. (1994) "Acceleration of the G1/S Phase Transition by Expression of Cyclins D1 and E with an Inducible System" <i>Molecular and Cellular Biology</i> 14(3):1669-1679;
CL	Furth P. (1994) "Temporal Control of Gene Expression in Transgenic Mice By A Tetracycline-Responsive Promoter" <i>Proc. Natl. Acad. Sci. USA</i> 91:9302-9306;
CM	Wimmel A. et al. (1994) "Inducible Acceleration of G1 Progression Through Tetracycline-Regulated Expression of Human Cyclin E" <i>Oncogene</i> 9:995-997
CN	Ackland-Berglund, C.E. and Leib, D.A.. (1995) "Efficacy of Tetracycline-Controlled Gene Expression Is Influenced by Cell Type" <i>BioTechniques</i> 18(2):196-200;
CO	Gossen M. and B. Hermann (1993) "Anhydrotetracycline, A Novel Effector of Tetracycline Controlled Gene Expression Systems In Eukaryotic Cells" <i>Nucleic Acids Research</i> 21(18):4411-4412;
CP	Buckbinder L. et al. (1994) "Gene Regulation by Temperature-Sensitive p53 Mutants: Identification of p53 response genes" <i>Proc. Natl. Acad. Sci. USA</i> 91:10640-10644;
CQ	Yarranton G. (1992) "Inducible Vectors For Expression In Mamalian Cells" <i>Current Opinion in Biotechnology</i> 3:506-511;
CR	Gossen et al. (1994) "Inducible Gene Expression Systems For Higher Eukaryotic Cells" <i>Current Opinion in Biotechnology</i> 5:516-520;
CS	Weinmann P. et al. (1994) "A Chimeric Transactivator Allows Tetracycline-Responsive Gene Expression in Whole Plants" <i>The Plant Journal</i> 5(4):559-569;
CT	Pescini R. et al. (1994) "Inducible Inhibition of Eukaryotic Gene Expression" <i>Biochemical and Biophysical Research Communications</i> 202(3):1664-1667;
CU	Fishman G. et al. (1994) "Tetracycline-Regulated Cardiac Gene Expression in Vivo" <i>J. Clin. Invest.</i> 93:1864-1868;
Examiner	RDS
Date Considered	9/9/01
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U.S. PATENT DOCUMENTS

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AA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
AB	WO 94/29442	12/94	PCT		

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

AC	Cowell, "Repression versus activation in the control of gene transcription," <i>Trends in Biochemical Sciences</i> , 19:1, 38-42 (1994);
AD	Deuschle et al., "Tetracycline-reversible silencing of eukaryotic promoters," <i>Mol. Cell. Biol.</i> , 15:4, 1907-1914 (1995);
AE	Gatz et al., "Stringent repression and homogeneous de-repression by tetracycline of a modified CaMV 35S promoter in intact transgenic tobacco plants," <i>The Plant Journal</i> , 2:3, 397-404 (1992);
AF	Gossen et al., "Exploiting prokaryotic elements for the control of gene activity in higher eukaryotes," Keystone Symposium on Gene Therapy and Molecular Medicine, Steamboat Springs, Colorado, <i>Journal of Cellular Biochemistry</i> , Supplement 0 (21A), Abstract no. C6-220, 355 (1995);
AG	Gossen et al., "Transcriptional activation by tetracyclines in mammalian cells," <i>Science</i> , 268:5218, 1766-1769 (1995);
AH	Liang et al., "Enhanced and switchable expression systems for gene-transfer," Keystone Symposium on Gene Therapy and Molecular Medicine, Steamboat Springs, Colorado, <i>Journal of Cellular Biochemistry</i> , Supplement 0 (21A), Abstract no. C6-220, 379 (1995).
AI	Agarwal, M.L. et al., "p53 Controls Both the G ₂ /M and the G ₁ Cell Cycle Checkpoints and Mediates Reversible Growth Arrest in Human fibroblasts," <i>Proc. Natl. Acad. Sci. USA</i> , 92: pp. 8493-8497 (1995);
AJ	Bergman, M. et al. "Overexpressed Csk Tyrosine Kinase Is Localized in Focal Adhesions, Causes Reorganization of $\alpha_v\beta_5$ Integrin, and Interferes with HeLa Cell Spreading", <i>Molecular and Cellular Biology</i> , 15, No. 2, pp. 711-722 (1995);
AK	Cayrol, C. et al. "Identification of Cellular Target Genes of the Epstein-Barr Virus Transactivator Zta: Activation of Transforming Growth Factor β h3 (TGF- β h3) and TGF- β 1", <i>Journal of Virology</i> , 69, No. 7, pp. 4206-4212, (1995);
AL	Chen, Y.Q. et al. "Tumor Suppression by p21 ^{WAF1} ", <i>Cancer Research</i> , 55, pp. 4536-4539, (1995);
AM	Dhawan, J. et al. "Tetracycline-Regulated Gene Expression Following Direct Gene Transfer into Mouse Skeletal Muscle", <i>Somatic Cell and Molecular Genetics</i> , 21, No. 4, pp. 233-240, (1995);
Examiner	223 Date Considered 9/9/01
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					YES	NO

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AN	Efrat, S. et al. "Conditional Transformation of a Pancreatic β -Cell Line Derived From Transgenic Mice Expressing A Tetracycline-Regulated Oncogene" <i>Proc. Natl. Acad. Sci. USA</i> , 92, pp. 3576-3580 (1995);
AO	Gjetting, T. et al. "Regulated Expression of the Retinoblastoma Susceptibility Gene in Mammary Carcinoma Cells Restores Cyclin D1 Expression and G ₁ -Phase Control", <i>Biol. Chem. Hoppe-Seyler</i> , 376, pp. 441-446 (1995);
AP	Haase, S.B. et al. "Transcription Inhibits the Replication of Autonomously Replicating Plasmids in Human Cells", <i>Molecular and Cellular Biology</i> , 14, No. 4, pp. 2516-2524 (1994);
AQ	Hennighausen, L. et al. "Conditional Gene Expression in Secretory Tissues and Skin of Transgenic Mice Using the MMTV-LTR and the Tetracycline Responsive System", <i>Journal of Cellular Biochemistry</i> , 59, pp. 463-472, (1995);
AR	Howe, J.R. et al. "The Responsiveness of a Tetracycline-Sensitive Expression System Differs in Different Cell Lines", <i>The Journal of Biological Chemistry</i> , 270, No. 23, pp. 14168-14174, (1995);
AS	Miller, K. et al. "The Function of Inducible Promoter Systems in F9 Embryonal Carcinoma Cells", <i>Experimental Cell Research</i> , 218, pp. 144-150, (1995);
AT	Passman, R.S. et al., "Regulated Expression of Foreign Genes In Vivo After Germline Transfer", <i>J. Clin. Invest.</i> , 94, pp. 2421-2425 (1994)
AU	Sopher, B.L. et al., "Cytotoxicity Mediated By Conditional Expression of a Carboxyl-Terminal Derivative of the β -Amyloid Precursor Protein", <i>Molecular Brain Research</i> , 26, pp. 207-217, (1994);
AV	Wu, Z. et al. "Conditional Ectopic Expression of C/EBP β in NIH-3T3 Cells Induces PPAR γ and Stimulates Adipogenesis", <i>Genes & Development</i> , 9, pp. 2350-2363, (1995).
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